

TIME AND MATERIALS RATE SCHEDULE

Effective January 1, 2002

Hourly time and materials labor rates have been provided for each labor category for calendar year 2002. The hourly labor rates for services that are performed after 2002 will be escalated seven and one-half percent (7.5%) each year. Other direct costs, such as computer, travel, reproduction, subcontractor, telecommunication/freight, or materials, will be charged a material handling fee and invoiced.

ESRI reserves the right to provide fixed price quotations for professional services requests that require deliverables other than hours and/or are over twenty-five thousand dollars (\$25,000). Work performed under fixed price orders will be invoiced monthly based on percent complete.

Principal

Hourly Rate: \$248/Hour

These staff work as program directors or project advisors providing project vision, strategic consulting, and program management for all types of geographic information system (GIS) projects. These staff apply market/application domain expertise with extensive experience in GIS and related technologies to ensure the successful completion of the program. Consulting activities may include strategic planning, review and oversight of requirements definition, application and database design, and system integration consulting. Management activities may include defining program requirements, establishing budgets and schedules, allocating staff and other resources, and managing and overseeing subcontractor activities. These staff work with senior client staff and have the support of senior Environmental Systems Research Institute, Inc. (ESRI), corporate staff to ensure successful project completion.

Senior Consultant

Hourly Rate: \$188/Hour

These staff work as project managers or project advisors providing strategic consulting and program management for all types of GIS projects. These staff apply market/application domain expertise with extensive experience in GIS and related technologies to ensure the successful completion of the program. Consulting activities may include strategic planning, GIS workshops and seminars, requirements definition, application and database design and development, and system integration consulting. Management activities may include defining program requirements, establishing budgets and schedules, allocating staff and other resources, and managing and overseeing subcontractor activities. They design comprehensive work plans that employ structured systems methodologies, which define project deliverables, milestones, and realistic schedules.

Consultant

Hourly Rate: \$149/Hour

These staff provide day-to-day consulting and management of contracted projects within ESRI. They work under the guidance of senior ESRI consulting staff and support the design and implementation of defined work plans. They provide traditional consulting services and also provide design and management support to application development projects and database conversion projects. They conduct detailed requirements interviews, document application requirements, develop logical and physical database designs using computer-aided software engineering (CASE) tools and entity-relationship (E-R) diagramming methodologies, design and develop software and database quality assurance/quality control (QA/QC) programs, and provide management oversight of daily technical activities. They work with senior consulting and technical staff to design comprehensive work plans that employ structured systems methodologies, which define project deliverables, milestones, and realistic schedules. These staff also work with ESRI administrative staff to ensure that progress and financial reporting is provided according to contract requirements.

Senior Technical Designer

Hourly Rate: \$193/Hour

These staff are the senior technical staff at ESRI. They provide the overall technical vision and system architecture for large complex systems. They ensure that sound software engineering principles and life cycle methodologies are applied to projects. They are actively involved in systems architecture design, application software design, database process design, and all phases of coding including the conduct of design and code reviews. They may serve as the

principal investigator in focused studies or research and development (R&D) projects. While staff in this category have broad technical knowledge of GIS applications and related technologies, they also provide specific expertise in areas such as Internet applications, data warehousing, spatial analysis, and modeling. They are proficient in ESRI® software languages, as well as third-generation programming languages, Internet markup languages, and other technologies.

Technical Designer

Hourly Rate: \$156/Hour

GIS system/software developers design technical project plans for the implementation of application software projects and database development projects. They oversee the day-to-day technical activities of the project team and ensure that appropriate systems methodologies are employed. They design and develop QA/QC programs and oversee design and code reviews, database reviews, and other QA/QC activities throughout the project life cycle. They will perform detailed software design, detailed database conversion design, and be directly involved in the coding and implementation of the more complex and strategic portions of application software and database conversion projects. They are proficient in ESRI software languages, as well as third-generation programming languages, Internet markup languages, and other technologies.

Technical Analyst

Hourly Rate: \$122/Hour

Staff in this category work independently to perform software coding and write software documentation to design specifications developed by senior staff. They also design and implement data conversion procedures. These staff also perform software and database quality control. They are very proficient in the coding of software and processing of digital databases. They are proficient in ESRI software languages, as well as third-generation programming languages, Internet markup languages, and other technologies.

Database Analyst

Hourly Rate: \$103/Hour

These staff provide database development support in creating cartographic and digital data products. Areas of expertise include performing data conversion, migration, and translation activities utilizing advanced processing techniques in ARC/INFO® and/or ArcInfo™ software. Additionally, these staff design and implement efficient production tools and coordinate work flow with project personnel.

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